

ATTORNEY DOCKET NO.: EMC03-11(03063)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Stuart D. Downes, Jin Liang, and Larry Norris
Serial No.: Unassigned
For: **TECHNIQUES FOR CREATING OPTIMIZED PAD GEOMETRIES FOR
SOLDERING**
Filing Date: September 29, 2003
Examiner: Unassigned
Art Unit: Unassigned

03914 U.S. PTO
10/674080



UTILITY PATENT APPLICATION TRANSMITTAL

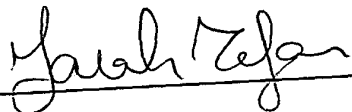
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MAIL STOP PATENT APPLICATION
Commissioner for Patents
PO Box 1450
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Sir:

Transmitted herewith for filing is a patent application entitled:

TECHNIQUES FOR CREATING OPTIMIZED PAD GEOMETRIES FOR SOLDERING

Named Inventor(s) / Inventor Address(es) / Inventor Citizenship(s):

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Enclosed is/are:

- [x] Transmittal Letter including fee calculations (this form, 4 pages, in duplicate), Total Pages: 8;
- [x] REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i); Total Pages: 1;
- [x] Utility Patent Application Specification including: 32 Claims (5 Independent, 27 dependent), Abstract of the Disclosure, Total Pages: 34;
- [x] Drawings: [x] Formal, [] Informal (Figs: 1, 2, 3, 4, 5, 6, 7, 8, 9), Total Sheets: 9;
- [x] Newly Executed Oath/Declaration/Power Of Attorney, Total Pages: 3;
- [x] Assignment Papers (Assignment Recordation Cover Sheet 1 page, Copy of Assignment Document 4 pages), Total Pages: 5;
- [x] Information Disclosure Statement, Total Pages: 3;
- [x] PTO-1449 Form, Total Pages: 1;
- [x] Copies of cited references enclosed, Total References: 2;
- [x] Return Receipt Pre-paid Postcard (in duplicate), Total Postcards: 2;
- [x] Authorization to Charge Deposit Account No. 50-0901, if Required;
- [x] Check in the amount of: \$1,174.00, with fee amounts calculated as follows:

CLAIMS	Number Filed	Number Extra	Rate	Calculations
Total Claims	32-20 =	12	x \$18	\$216.00
Independent Claims	5-3 =	2	x \$84	\$168.00
Multiple Independent Claims			+ 260 =	\$0.00
BASIC FILING FEE =				\$750.00
Total of Above Calculations =				\$1,134.00
Assignment Recordation Fee =				\$40.00
TOTAL FEE FOR THIS PATENT APPLICATION =				\$1,174.00

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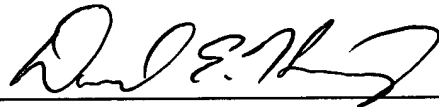
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If the enclosed fee is insufficient or if there is an overpayment of the enclosed fees, the balance and/or credit may be charged and/or credited to the account of the undersigned, Deposit Account No. 50-0901.

If the enclosed papers or fees are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (508) 366-9600, in Westborough, Massachusetts.

Respectfully submitted,

By:



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